SEQUENCE LISTING

<110> Bublot, et al.

<120>   Equine GM-CSF

<130>   454313-2334.1

<140>   09/589,460
<141>   2000-06-07

<150>   60/138,843
<151>   1999-06-10

<160>   9

<170>   PatentIn version 3.0

<210>   1
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<212>   DNA
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<220>
<221>   misc_feature
<222>   (13)..(13)
<223>   nucleotide "y" can be either of the pyrimidine nucleotides "c" or
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tgggcactgt ggyctgcagc   20

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agcatgtgra tgccatc   17

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ccctgtttgt acagcttcag g                                    21


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<220>
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<223> coding sequence of equine GM-CSF gene

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Met Trp Leu Gln Asn Leu Leu Leu Leu Gly Thr Val Val Tyr Ser Met
1               5                   10                  15

ccc gca ccc acc cgc caa ccc agc cct gtc act cgg ccc tgg cag cat      96
Pro Ala Pro Thr Arg Gln Pro Ser Pro Val Thr Arg Pro Trp Gln His
                20                  25                  30

gtg gat gcc atc aag gag gcc ctg agc ctt ctg aac aac agt agt gac     144
Val Asp Ala Ile Lys Glu Ala Leu Ser Leu Leu Asn Asn Ser Ser Asp
            35                  40                  45

act gct gct atc atg aat gaa aca gta gaa gtc gtc tct gaa acg ttt     192
Thr Ala Ala Ile Met Asn Glu Thr Val Glu Val Val Ser Glu Thr Phe
        50                  55                  60

gac gcc gag gag ctg aca tgc ctg cag act cgc ctg aag ctg tac aaa     240
Asp Ala Glu Glu Leu Thr Cys Leu Gln Thr Arg Leu Lys Leu Tyr Lys
65                  70                  75                  80

cag ggc ttg cgg ggc agc ctc atc aag ctc gaa ggc ccc ttg acc atg     288
Gln Gly Leu Arg Gly Ser Leu Ile Lys Leu Glu Gly Pro Leu Thr Met
                85                  90                  95

atg gcc agc cac tac aag cag cac tgc ccc ccc acc ctg gaa act tcc     336
Met Ala Ser His Tyr Lys Gln His Cys Pro Pro Thr Leu Glu Thr Ser
                100                 105                 110

tgt gca acc cag atg atc acc ttc aaa agt ttc aaa aag aac ctg aag     384
Cys Ala Thr Gln Met Ile Thr Phe Lys Ser Phe Lys Lys Asn Leu Lys
            115                 120                 125

gat ttt ctg ttt gag atc ccg ttt gac tgc tgg aag cca gcc cag aag     432
Asp Phe Leu Phe Glu Ile Pro Phe Asp Cys Trp Lys Pro Ala Gln Lys
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<213> Equine sp.

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            20   25   30

Val Asp Ala Ile Lys Glu Ala Leu Ser Leu Leu Asn Asn Ser Ser Asp
        35   40   45

Thr Ala Ala Ile Met Asn Glu Thr Val Glu Val Val Ser Glu Thr Phe
        50   55   60

Asp Ala Glu Glu Leu Thr Cys Leu Gln Thr Arg Leu Lys Leu Tyr Lys
65   70   75   80

Gln Gly Leu Arg Gly Ser Leu Ile Lys Leu Glu Gly Pro Leu Thr Met
            85   90   95

Met Ala Ser His Tyr Lys Gln His Cys Pro Pro Thr Leu Glu Thr Ser
        100   105   110

Cys Ala Thr Gln Met Ile Thr Phe Lys Ser Phe Lys Lys Asn Leu Lys
        115   120   125

Asp Phe Leu Phe Glu Ile Pro Phe Asp Cys Trp Lys Pro Ala Gln Lys
    130   135   140